

Ferry County

<http://www.ferry-county.com>

Demographics		2002 Estimates (Except Where Noted)	Other Ferry County Facts	
Washington State Population:	6,041,700		Percent in Households where English is Spoken Less than "Very Well" (Population Age 5 and Above, 2000):	Less than 3.0%
County Population:	7,300		Military Bases within County:	None
County Population Density (persons/sq mi):	3.31		Universities/Community Colleges:	Community Colleges of Spokane Republic Center 970 S Clark Republic WA 99166
Total County Households:	3,876		Land area of County (square miles):	2,204.0
2000 Per Capita Personal Income (Inflation-Adjusted to 2000 Dollars):	Less than \$19,000		Native American Tribes	Colville Confederated Tribes
Percent of county households with income below the poverty level, 1999:	18			Federally Recognized (Yes/No): Yes
Ferry County Government Legislative Authority			Size of Tribal Land (Acres):	1,400,000 (in Ferry and Okanogan Counties)
Type of Body	Board of Commissioners		Reservation or Land Trust Population, 2000:	7,587
Number of Members	3		Treaty or Reservation Instrument:	Executive Order, 1872
Term	4 years			
Meeting Date and Time	Every Monday, except 5 th Monday from 8:00 a.m. to 4:00 p.m.			
Meeting Location	290 E. Tessie Avenue Republic WA 99166			
Populations and Land Areas for Ferry County Municipalities, 2002				
Unincorporated Population (est. 2002)		6,325	Ferry County Population by Selected Categories, 2002 Washington State Office of Financial Management Estimated Ferry County Population, 2002 = 7,300	
Incorporated Population (est. 2002)		975		
Municipalities	Population (est. 2002)	2002 Land Area (sq. mi.)	2002 Est. Density (pop/sq. mi.)	<p>Republic: 975</p> <p>Unincorporated: 6,325</p>
Republic	975	1.000	975.00	

Ferry County Solid Waste Contacts, 2003:

Departments:	Ferry County Public Works	Ferry County Public Works	Ferry County Public Works	Ferry County Public Works	Ferry County Public Works	NE Tri-County Health District
Name:	Keith Muggoch	Kristy Cromwell	Kristy Cromwell	Kristy Cromwell	Kristy Cromwell	James Matsuyama
Title:	Director	Waste Management Coordinator	MRW Contact	Recycling Contact	Litter Contact	Environmental Health Director/Solid Waste Contact
E-mail Address:	Keith_Muggoch@hotmail.com	Kristy_Cromwell@hotmail.com	Kristy_Cromwell@hotmail.com	Kristy_Cromwell@hotmail.com	kristy_cromwell@hotmail.com	jmatsu@netri.org
Web Site:	http://www.ferry-county.com/public_works_county_engineer.htm	http://www.ferry-county.com/waste_management.htm	Recycling specific web site not found.	Recycling specific web site not found.	Litter specific web site not found.	http://homepage.plix.com/tricohealth/
Mailing Address:	350 East Delaware #8 Republic, WA 99166	350 East Delaware #8 Republic, WA 99166	350 East Delaware #8 Republic, WA 99166	350 East Delaware #8 Republic, WA 99166	350 E. Delaware #8 Republic, WA 99166	PO Box 270 Colville, WA 99114
Phone Number:	(509) 775-5222	(509) 775-5217	(509) 775-5217	(509) 775-5217	(509) 775-5217	(509) 684-2262
Fax Number	(509) 775-5226	(509) 775-5226	(509) 775-5226	(509) 775-5226	(509) 775-5226	(509) 684-8506
TDD:						

Ferry County Solid Waste and Moderate Risk Waste Planning Status, 2003		Coordinated Prevention Grants (CPG) 2002 – 2003 Grant Cycle: Funding by Task in Dollars			
County Comprehensive Solid Waste Management Plan: Current Status (Yes/No)	Yes	Grant Fundable Activity	Recipient	Recipient	Total
			Ferry County Public Works	Northeast Tri County Health <small>(Includes: Ferry, Stevens, Pend Oreille)</small>	
		Hazardous Waste Planning and Evaluation	1,875	—	1,875
Year Approved:	2002	Household Hazardous Waste Implementation (of county plan)	4,824	—	4,824
Waste Reduction/Recycling Goal:	25% by June 30, 2008	Household Hazardous Waste Collection and Distribution	24,974	—	24,974
		Moderate Risk Waste – Capital (costs)	13,335	—	13,335
		Small Quantity Generator (technical assistance and education)	2,358	—	2,358
Comments:	Update Complete but not finalized as of 09-24-2003.	Solid Waste Planning	6,722	—	6,722
		Solid Waste Enforcement	—	75,544	75,544
		Ground Water Monitoring Wells	20,677	—	20,677
Moderate Risk Waste Plan: Year Current MRW Plan Approved:	1991 Used oil amendment 1994	Waste Reduction and Recycling Activities	14,238	—	14,238
MRW Plan Combined with County’s Comprehensive Solid Waste Management Plan? (Yes/No)	Yes	Waste Reduction and Recycling Capital (costs)	—	—	0
Comments:	NONE	Biomedical Waste	—	—	0
		Total	89,003	75,544	164,547

Pilot Grants 2002 – 2003 Cycle: Funding by Task in Dollars							
RECIPIENT	Electronics	Waste Reduction Recycling	Organics	Mercury	Waste Characterization Study	Sustainability	Portion of \$2Million Pilot Funding
NONE							
						Total	

Ferry County Ordinances and Resolutions Related to Solid Waste	
From Ferry County Draft Solid Waste Management Plan:	
Ordinance Number	General Ordinance Description
NONE	NONE
Resolution Number	General Resolution Description
NONE	NONE
Note:	

Solid Waste Infrastructure in Ferry County

Permitted Solid Waste Handling Facilities in Ferry County – March 2004

[illegible]

Note:

Disposal Site Summary for Ferry County (reported in tons) – 2001	
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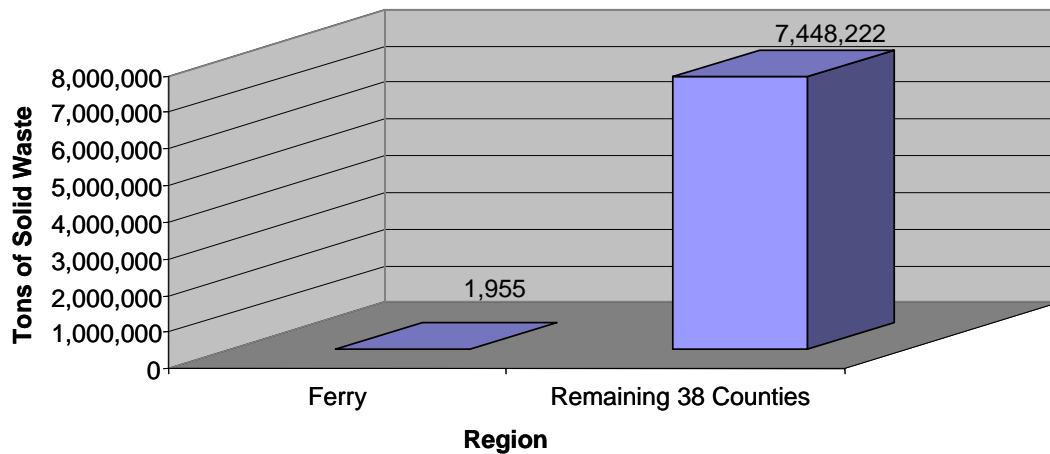
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2001 Disposal Site Capacity Summary for Solid Waste Facilities Accepting Waste Generated in Ferry County, Including All Landfills and Energy Recovery

DISPOSAL SITE	Disposal Site Location	Remaining Permitted Capacity - Tons	Remaining Permitted Capacity - Years	Anticipated Closure Date	Facility Reported Tip Fees
Roosevelt Regional Landfill-MSW	Klickitat	133,779,000	71	2073	\$19.75
Delano Landfill	Grant	329,935	44	2046	\$39.15
Stevens Co Landfill	Stevens	178,903	34	6/2036	\$42.00
Graham Road Recycling & Disposal	Spokane	Unknown	60	2062	Unknown

**Tons of Solid Waste Disposed by Specific Regions 2001:
Comparison of Ferry County to Sum of Remaining 38 Washington
State Counties**

2001 Washington State Solid Waste Disposal Total = 7,450,177 tons
(Source: Washington State Department of Ecology)



Tons of Material Composted in Ferry County (by permitted facility) – 2001

Compost Facility Name	Yard waste	Other wood waste	Sawdust	Biosolids	Vegetative food waste	Manure	Post consumer food waste	Mixed municipal solid waste	Other	Total
NONE										

Notes:

Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers in Ferry County (November 4, 2002)

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Couse's Sanitation & Recycle, Inc.	Ferry County and a small portion of northeastern Okanogan County	G-169	6	Y	N	N	10 gallon micro-mini can \$9.60 20 gallon mini-can \$11.69 32 gallon can/unit \$15.00 Multi can/unit service up to 6.	Not applicable	2 yard dumpster \$26.45 3 yard dumpster \$36.79 4 yard dumpster \$47.52 6 yard dumpster: \$62.86	None Indicated

Notes:

None

General Notes for WUTC table on preceding page

- The above solid waste carrier information is portrayed for **WUTC regulated solid waste carriers only**.
- Categories of solid waste customers defined by the WUTC include: single family residential, multi-family residential and commercial. **Multi-family rates are not depicted here.**
- Categories of commercial solid waste collection service as defined by the WUTC include: "Container Service - Non-Compacted - Company-owned container"; "Container Service - Non-Compacted - Customer-owned container"; "Container Service - Compacted - Company-owned container"; "Container Service - Compacted - Customer-owned container"; "Drop Box Service - Non-Compacted - Company-owned drop box"; "Drop Box Service - Non-Compacted - Customer-owned drop box"; "Drop Box Service - Compacted - Company-owned drop box"; "Drop Box Service - Compacted - Customer-owned drop box". **The only Commercial rates provided here are: "Container Service - Non-Compacted - Company-owned container".**
- According to statute, Washington State cities have the authority to contract for solid waste hauling services and associated billing, or to provide their own municipal collection service. Counties have not been granted this option by the legislature. However, statute does direct the WUTC to require regulated solid waste collection companies to comply with the service levels set in the local solid waste management plan. The WUTC defines the service area and monetary collection rates for private firms that service all county residents, as well as for private firms that service those municipalities which do not provide garbage collection service or contract for such service.
- **Of the 280 cities in Washington, 187 take advantage of their option to contract for service or provide their own service. Consequently, the WUTC regulates the solid waste haulers that service approximately 49% of the state's population.** (This includes 40% of the state's population that resides in unincorporated areas, and 9% of the state's population that resides in incorporated areas.)
- Currently, there appears to be no complete tabulation of solid waste collection rates charged to residents of Washington State municipalities is available, and thus there is incomplete knowledge of the direct economic impacts of solid waste disposal on approximately 51% of the state's population.
- [A Certificate \(or "G-permit\) means the certificate of public convenience and necessity issued by the Washington Utilities and Transportation Commission](#) under the provisions of chapter 81.77 RCW for the operation of solid waste collection companies.
- A tariff names rates for the collection, transportation, and disposal of solid waste, and if noted, recycling and yard waste (a document outlining rates, terms and conditions for providing service.) While the G-permit provides an overall legal description of the geographical area in which a carrier is allowed to operate, a tariff defines rates for services and service areas within the geographical area defined in the G-permit. Further, tariffs define the rates a permitted solid waste carrier charges to its residential, multifamily and commercial customers

Major Public Works and Jurisdictional Health Department Solid Waste Activities in Ferry County, 2003

Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Composting		
Home Composting	X	
Master Composter		
Native Planting/Xeriscaping		
Mulching Mower/Grasscycling		
Master Gardener		
Curbside Yard Waste Collection		
Fixed Wood Chipping Operations		
Mobile Wood Chipping Operations		
Agricultural Waste Management and Technical Assistance		
Food Composting Programs		
Rate Structures Encourage Yard Waste Diversion		
Built Environment		
Building Industry Education Program		
Green Building Codes and or Policy		
Building Material Reuse/Exchange Program		
Demonstration Buildings		
Green Building Certification Programs		
Green Built Recognition (Construction Works)		
Residential Waste Reduction and Recycling (WRR)		
Public Education and Program Promotion	X	
Curbside recycling		
Drop box recycling	X	
School Recycling Program	X	
Special Collection Events	X	
Rate Structures that Encourage Recycling		
Waste Exchange Program		
Waste Reduction Program		
Commercial Waste Reduction & Recycling		
Commercial Recycling Education Program		
Curbside Recycling		
Rate Structure that Encourages Recycling		
Waste Exchange Program		
On-site Commercial Waste Audits		

Activity Category and Local Program		X = Present	Clarifying Comments as Needed
Moderate Risk Waste (MRW)			
MRW Fixed Facility		X	
MRW Mobile or Satellite Programs		X	
MRW Collection Events			
Toxics Reduction Education and Outreach		X	
On-site Business Small Quantity Generator SQG/MRW Audits			
Conditionally Exempt Small Quantity Generator (CESQG) collection			
Persistent Bioaccumulative Toxins (PBT)			
Pesticide Reduction Education for the Public		X	Brochure
Pesticide Reduction Education for Business			
Mercury Reduction Education for the Public			
Mercury Reduction Education for Business			
Partnerships			
Product Stewardship - Electronics		X	
Product Stewardship - Mercury			
Product Stewardship - Pesticides		X	
Product Stewardship - Solid Waste		X	
Regional Programs - All Categories	Please List:		
Solid Waste Enforcement			
Illegal Dumping Prosecution		X	
Illegal Dumping Prevention			
Mandatory Collection Service			
Enforcing Solid Waste Codes		X	
Permit Reviews		X	
Ensuring Compliance at Permitted Solid Waste Facilities		X	
Ensuring Compliance at Permitted Land Application Sites		X	

Additional Comments:

Diversion, Recycling , Moderate Risk Waste and Waste Disposal

2001 Materials Collected for Recycling & Diversion in Ferry County as reported to the Washington State Department of Ecology by 43 Collectors (Material Sources = Commercial and Residential)				Sites in Ferry County Accepting Specific Recyclable Materials in 2003 (Commercial &/or Residential)		
Reported Materials Collected for Recycling in Ferry County		Reported Materials Diverted From Disposal in Ferry County		Material	# in County	# in State
X	Aluminum Cans	X	Antifreeze	Appliances	1	176
	Aseptic Packaging		Asphalt and Concrete	Batteries	2	372
	Computers		Asphalt Roofing Shingles	CDL Construction Debris	—	159
X	Container Glass		Bricks	Electronics	—	48
X	Corrugated Paper		Composting Furnish	Glass	1	329
X	Ferrous Metals		Computer (Refurbished)	HHW Household Hazardous Waste	1	63
	Fluorescent Light Bulbs		Construction & Demolition Debris	Metals	1	466
	Food Waste (post-consumer)		Food Processing Waste	Used oil	4	508
	Ground Rubber (from retreads)		Household Batteries	Paper	1	461
	Gypsum		Incinerator Ash	Plastic	4	394
X	HDPE Plastics		Industrial Batteries	Other/misc.	1	133
X	High Grade LDPE Plastics		Land Clearing Debris	Note: In this report, "site" refers to a physical location to which households and/or businesses can take a material for recycling. An individual site often accepts more than one type of material; therefore, along the line for a given county, adding the figures below each material heading will result in a sum greater than the figure under "Total Sites".		
X	Mixed Waste Paper		Oil Filters			
X	Newspaper		Paint			
X	Non-Ferrous Metals		Rail Road Ties			
	Other Recyclable Plastics		Rebound Carpet Pad			
	Other Rubber Materials (Shoes)		Reuse-Clothing & Household Items			
X	PET Bottles		Reuse - Construction & Demolition			
	Photographic Film		Reuse – Miscellaneous Items			
X	Rendering		Sweepings and Grit			
	Textiles (rags, clothing, etc.)		Tires (for Energy Recovery)			
	Tin Cans		Tires (Reused/Resold)			
	Tires		Used Oil for Energy Recovery			
X	Used Oil					
X	Vehicle Batteries					
	White Goods					
X	Wood Waste					
	Yard Waste					

2001 Participant levels and amounts of HHW and total MRW collected by Ferry County, as reported to the Washington State Department of Ecology

	County Totals	Washington State Totals	County Percentage of State Total
County	Ferry		
County Population (from http://www.census.gov)	7,300	5,970,247	0.12
Total HHW lbs (no Used Oil)	1,347	15,638,009	0.01
Used Oil lbs. (see note 1)	3,700	11,280,112	0.03
CESQG lbs.	—	978,732	—
MRW lbs.	5,047	27,896,853	0.02
Number of County Housing Units (see note 2)	3,832	2,511,054	0.15
MRW lbs./housing unit	1.32		
Total HHW Participants	26	148,697	0.02
% Participation	0.01		
HHW Cost/Participant	\$72.92		

Note 1: "US pounds - used oil collected at specific used oil sites"

Note 2: "H.U. Housing Units equals number of households taken from Office of Financial Management, 2001 Data Book"

Note 3: "NR - Not Reported"

Note 4: "NA - Not applicable because data not reported"

2001 Specific Waste Types Collected by Ferry County: HHW & CESQG (Pounds)

Waste Type	Pounds HHW Collected	Pounds CESQG Collected
Acids		
Acids, aerosols		
Antifreeze		
Bases		
Bases, aerosols		
CFC/ Freon		
CFC/ Freon filters		
Chlorinated Solvents		
Batt:N,L,NIMH		
Dry Cell Batteries		
Flammable Solids		
Flammable Liquids		
Flammable Liquids, aerosols		
Flammable Liquids Poison		
Flammable Liq. Pois.(aerosols)		
Flammable Gas		
Flammable Gas Poison		
Flammable Gas Pois.(aerosols)		
Latex Paint		
Lead Acid Batteries		
Oil Based Paint		
Oil Contaminated		
Oil Filters		
Oil Filters Crushed		
Oil Non-Contaminated		
Oil with Chlorides		
Oil with PCBs		
Other Dangerous Waste		
Organic Peroxides		
Oxidizers		
Personal Protect. Equip.		
Pesticide/Poison Liq		
Pesticide/Poison Sol		
Reactives		
Mercury		
TOTALS		

**Five Greatest Household Hazardous Waste Materials
Collected By Ferry County, 2001 (Pounds)
No graphic because no activity reported.**

**Five Greatest CESQG Materials Collected by
Ferry County, 2001 (Pounds)
No graphic because no activity reported.**

Washington State Litter Tax Funded Litter Program Activity in Ferry County, 2001

Roads	Interstate	State	County	Total	% of State total	Rank in State		
Center Line Miles	—	156	737	893	1.88	23		
Miles Driven (thousands)	—	129	128	257	0.24	33		
Area (Square Miles)				2,204	3.31	9		
DOT Rating	1999	2000	2001					
	3.9	3.6	3.6					
Litter Program	Hours	Miles	Acres	Number of Dumps	Litter Pounds	Illegal Dump Pounds	Recycle Pounds	Total Pounds
Ecology Youth Corps (EYC)	1,363	108	12	—	5,490	—	4,335	11,308
Community Litter Cleanup Program (CLCP)	877	89	7	6	12,700	8,140	—	21,819
Department of Corrections (DOC)	—	—	—	—	—	—	—	0
Department of Natural Resources (DNR)	—	—	—	—	—	—	—	0
Total	2,240	197	19	6	18,190	8,140	4,335	33,127

Note: DNR does not report recycling separately.

Community Litter Cleanup (CLCP) 2002-2003 Grant Cycle: Funding Applied by Task (\$)					Litter Education Efforts, Ferry County, 2002	
Recipients	Task: Litter & Illegal Dumps	Task: Education	Task: Tools & Trucks	Total Contract Amount		
Ferry County Public Works	36,000	8,000	—	44,000		

Ferry County Public Works will use anti-litter materials such as litterbags, pencils, buttons and newspaper articles to educate residents at community events. Classroom presentations will also be completed.

Litter Crew Organization, Ferry County, 2002

Ferry County Public Works oversee 3 litter cleanup programs. The "Community Cleanup" program consists of individuals and organizations that conduct spring and fall cleanups in their communities. The "Adopt a Roadway" program consists of individuals and organizations that sign 2-year contracts to pick up litter on 2 miles of roadway each year. "Clean Teams" consist of individuals, organizations, and community service workers that clean roadways and illegal dumps that are not serviced by the other two programs.

2002 Biosolids Production and Land Application Information in Dry Tons for Ferry County, (See footnotes)

Facility Name	Class of Biosolids	Compost Biosolids	Total Biosolids Produced	Total Land Applied	Total Land Applied: by Specific Application Site Categories						Landfilled	Incinerated	Transported to Another Facility	Name of "Transported To" Facility	Received from Another Facility	Name of "Received From" Facility and Associated Dry Tons
					Agricultural Land	Range Land	Forest	Public Contact Site	Reclamation Site	Sold/Given Away	Lawn Garden					
Curlew Job Corps WWTP			3	—	—	—	—	—	—	—	—	—	3	Pumper		
Metaline WWTP	B		1	—	—	—	—	—	—	—	—	1	—			
Republic WWTP			—	—	—	—	—	—	—	—	—	—	—			
COUNTY TOTAL			4	0	0	0	0	0	0	0	0	1	0	3		0
STATE TOTAL			94972.14	79282.89	57415.12	4417.09	8349.74	174.72	1729.2	4292.72	2904.3	3646.08	14988.03	25840.11	79282.89	

- 1) Data used here are gathered from individual facilities and consolidated into a main database from which this spreadsheet is derived. Referral to the actual report forms is suggested in order to resolve questions or before drawing conclusions.
- 2) Facilities which show zero production are for year 2002 only. Production amounts can vary by large amounts from year to year depending on lagoon cleanout operations, etc.
- 3) For the categories related to TRANSPORT TO and RECEIVED FROM, tonnage sums are totaled and reported in parentheses if the sums are different from that reported by the facility. Reasons for discrepancies are varied and need to be investigated on an individual basis if needed.
- 4) The term "ctd." means that the data for the facility is continued in another column where extra lines were used so that additional data could be included.
- 5) WWTP = Waste Water Treatment Plant; STP = Sewage Treatment Plant; BS = Biosolids; LSP = Lime Stabilization Plant; POTW = Publicly Owned Treatment Works.

Ferry County Solid Waste Priorities and Needs for the Near Future:

- Implement a Model Rural Recycling Program which includes an aggressive educational program to encourage waste reduction and recycling in the County.
- A Model Rural Recycling Program should include residential curbside collection in largely populated areas within the County and other measures described in the 1993 Ferry County Solid Waste Management Plan.
- Household yard waste composting information/education will be developed in the County supported by grant funding.
- The County Public Works Department will maintain administrative control of the solid waste disposal system along with ownership, operation and maintenance of the long haul transfer facility.
- The Solid Waste Advisory Committee will be permanently maintained to assist in the development of programs and policies concerning solid waste handling and disposal and to review and comment on proposed rules, policies and ordinances prior to their adoption.
- The North East Tri-County Health District will continue to provide surveillance and enforcement for solid waste activities in the County.
- Overall County solid waste administration should be funded through tipping fees.

Note: Items listed above are taken from section 1.4 of the 1993 Ferry County Solid Waste Management Plan.

Ferry County's Projected Solid Waste Income and Spending, 1999 (as compiled by Jeff Kelly-Clarke, Director, Snohomish County Public Works)

Spending

Total Spending	Waste Handling*	LF Monitoring	Waste Reduction and Recycling	Moderate Risk Waste	Planning	Administration	Debt Service	Other	Capital Facilities/ Closure	To Fund Balance	Operating Budget
\$7	\$2	\$1	\$1	\$1	\$0	\$0	\$0	\$1	\$1	\$0	\$6

* "Waste Handling" includes transfer operations

Income

Total Revenue	Fees from Disposal	Other service fees	Dist./city fees	Grants	Interest	Fund Balance	Other	Total Revenue
\$309,700	\$220,000	\$0	\$2,000	\$80,000	\$0	\$5,700	\$2,000	\$309,700

Notes:

Web Links for Additional County by County Information

Description of Subject Matter	Website Address
State and County Census 2000 Profiles for Washington State	http://www.census.gov/prod/cen2000/dp1/2kh53.pdf
Washington Trends	http://www.ofm.wa.gov/trends/index.htm
Variety of County and City Data	http://www.ofm.wa.gov/localdata/index.htm